

I claim:

Method for filtering messages at the source and collecting at a host

1. A method for collecting message objects using a mobile agent object, the method comprising:

receiving a plurality of message objects at an event source platform;

filtering the received message objects in the event source platform with a mobile agent object executing therein to determine a filtered set of message objects; and

delivering the filtered message objects to a collection host platform.

2. The method of claim 1, further comprising delivering the mobile agent object to the event source platform from the collection host platform via a network connection prior to the filtering.

3. The method of claim 1, further comprising delivering the mobile agent object to the event source platform via a network from a control device platform via a network connection prior to the filtering.

4. The method of claim 1, further comprising delivering the mobile agent object to a second event source platform from the first event source platform via a network connection prior to delivering the filtered message objects to the collection host platform.

5. The method of claim 1, further comprising delivering the filtered message objects to a display device platform from the collection host platform via a network connection.
6. The method of claim 1, further comprising delivering the filtered message objects to a control device platform from the collection host platform via a network connection.
7. The method of claim 1, further comprising storing the filtered message objects to a message database in the collection host platform.
8. The method of claim 1 wherein filtering is in response to an event trigger.
9. The method of claim 8 wherein the event trigger is the receiving of a message.
10. The method of claim 1 wherein the message objects comprise voice-mail messages.
11. The method of claim 1 wherein the message objects comprise electronic-mail messages.

12. The method of claim 1 wherein the message objects comprise digitally encoded text messages.
13. The method of claim 1, further comprising:
configuring the mobile agent object at a control device platform; and
delivering the mobile agent object to the event source platform prior to the receiving of the plurality of message objects.
14. The method of claim 1 wherein the filtering comprises passing message objects to the filtered set of message objects that have a predetermined recipient.
15. The method of claim 1 wherein the filtering comprises passing message objects to the filtered set of message objects that have a predetermined subject matter.
16. The method of claim 1 wherein the filtering comprises passing message objects to the filtered set of message objects that have a predetermined source.
17. The method of claim 1 wherein the filtering comprises passing message objects to the filtered set of message objects that have a predetermined time and date stamp.

Method for filtering message objects at multiple sources and delivering to a host

18. A method for collecting message objects from multiple event source platforms, the method comprising:

filtering message objects resident within a first event source platform with a first mobile agent object to determine a first filtered set of message objects;

sending the first set of filtered message objects to a database in a collection host platform;

filtering message objects resident within a second event source platform with a second mobile agent object to determine a second filtered set of message objects; and

sending the second set of filtered message objects to the database in a collection host platform.

19. The method of claim 18, further comprising delivering the first and second set of filtered message objects to a display device platform from the collection host platform via a network connection.

20. The method of claim 18, further comprising delivering the first and second set of filtered message objects to a control device platform from the collection host platform via a network connection.

Method for configuring, collecting, and redirecting message objects

21. A method for managing message objects, the method comprising:
 - configuring a mobile agent object to execute in an event source platform and to identify and filter message objects received by the event source platform;
 - assembling message objects identified and filtered by the mobile agent object in the event source platform;
 - delivering the identified and filtered message objects to a collection host platform; and
 - redirecting the identified and filtered message objects from the collection host platform to a display device platform.

Method for configuring a mobile agent object and delivering to source for message collection

22. A method for configuring a mobile agent object, the method comprising:
 - configuring a mobile agent object to filter an event and to deliver information about the event to a predetermined address in response to the event matching predetermined conditions during the filtering; and
 - delivering the mobile agent object to an event source platform operable to execute the mobile agent object.

23. The method of claim 22 wherein the event is a message being received by the event source platform.

24. The method of claim 22 wherein the mobile agent object is configured in a platform other than the event source platform by a mobile agent object toolkit.
25. The method of claim 24 wherein the platform other than the event source platform is a control device platform.
26. The method of claim 24 wherein the mobile agent object toolkit is controlled by a control vector initiated by a user of the platform.
27. The method of claim 21 wherein the predetermined address resides in a collection host platform coupled with the event source platform by a network connection.
28. The method of claim 21 wherein the configuring further comprises configuring the mobile agent object to respond to a plurality of event triggers and to filter the events with a plurality of message property requirements such that the mobile agent object delivers information about a plurality of filtered events to a predetermined address in response to any one of the plurality of events matching predetermined conditions during the filtering.

System for collecting messages received at event source platforms.

29. A system for collecting messages received at a plurality of event source platforms, the system comprising:

at least one event source platform operable to receive a plurality of events and having a mobile agent object executing therein, the mobile agent object operable to filter the events in response to receiving the events; and

a collection host platform operable to receive filtered events from the mobile agent object executing in the event source platform.

30. The system of claim 29 wherein the plurality of events comprise receiving at least one electronic mail.

31. The system of claim 29 wherein the plurality of events comprise receiving at least one voice mail.

32. The system of claim 29 wherein the plurality of events comprises receiving at least one digitally encoded test message.

33. The system of claim 29, further comprising a display device platform coupled to the collection host platform and operable to display filtered events received from the collection host platform.

34. The system of claim 33 wherein the display device platform is a personal computer.

35. The system of claim 33 wherein the display device platform is a fax machine.
36. The system of claim 33 wherein the display device platform is a POP3 email account.
37. The system of claim 33 wherein the display device platform is a mobile communication device.
38. The system of claim 28, further comprising a control device platform operable to configure a mobile agent object and operable to deliver the mobile agent object to an event source platform.
39. The system of claim 38 wherein the control device platform further comprises a mobile agent object toolkit operable to configure a mobile agent object in response to a control vector initiated from a user of the control device platform.
40. The system of claim 39 wherein the control device platform comprises a personal computer.

41. The system of claim 39 wherein the control device platform comprises a server computer.

42. The system of claim 39 wherein the control device platform comprises a touchpad device.

43. The system of claim 39 wherein the display device platform comprises a mobile communication device.

44. The system of claim 28, further comprising an event database resident in the collection host platform, the event database operable to store filtered events received by the collection host platform.

A mobile agent object

45. A data carrier carrying a mobile agent object having computer-executable instructions for:

navigating to an event source platform;

monitoring events that occur in the event source platform for a predetermined type of event;

if a predetermined type of event occurs; filtering the predetermined type of event to determine if the event matches a predetermined parameter; and

if the event matches the predetermined parameter, sending information about the event to a collection host platform.

46. The data carrier of claim 45 wherein the predetermined type of event is the receiving of a message object in the event source platform.

47. The data carrier of claim 45 wherein the predetermined types of events are configured according to an event trigger set of instructions.

48. The data carrier of claim 45 wherein the predetermined parameter is configured according to a set of message property requirements.